Patent / Docket No.: P10147/31849.38

Customer No. 27683

ASSIGNMENT

WHEREAS, We,

(1) Wade P. Farrow of Bryan,
State of Texas, USA

(2) E. Paul Strauss of Grapevine,
State of Texas, USA

(3) Robert Ellins of Euless,
State of Texas, USA

(4) John Murphy of Haltom City, State of Texas, USA

(5) Samuel Owusu-Akyaw of Southlake, State of Texas, USA

have invented certain improvements in

PROGRAMMABLE SURGICAL INSTRUMENT SYSTEM

for which we have executed an application for Letters Patent of the United States of America, of even date herewith; and

WHEREAS, Medtronic, Inc. d/b/a Medtronic Midas Rex (Assignee), a corporation organized and existing under the laws of the State of Minnesota, having its principal office and place of business in the City of Minneapolis, State of Minnesota, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

| First Inventor Name: Residence Address: | Wade P. Farrow 1209 Garden Lane Bryan, Texas 77802 | | |
|---|---|--------------------|--|
| Dated: | | Inventor Signature | |
| Second Inventor Name: Residence Address: | E. Paul Strauss 3032 Thomas Court Grapevine, Texas 76051 | | |
| Dated: | · | Inventor Signature | |
| Third Inventor Name: Residence Address: | Robert Ellins 1504 Shady Creek Drive Euless, Texas 76040 | | |
| Dated: | | Inventor Signature | |
| Fourth Inventor Name: Residence Address: | John Murphy 4200 Northerncross Blvd Haltom City, Texas 7613 | | |
| Dated: | ····· | Inventor Signature | |
| Fifth Inventor Name: Residence Address: | Samuel Owusu-Akyaw 714 Chatham Court Southlake, Texas 76092 | | |
| Dated: | · | Inventor Signature | |

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AND WE HERBBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WB HERREY further covenant and agree that we will communicate to said Assignes, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to sid the said Assignes, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

| irst Inventor Name: esidence Address: | Wade P. Farrow 1209 Garden Lane Bryan, Texas 77802 | * |
|---|--|---|
| | i . | |
| eted: | | Inventor Signature |
| econd Inventor Name: Residence Address; | Paul E. Strauss 3032 Thomas Court Grapevine, Texas 76051 | ** |
| Dated: | | Inventor Signature |
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| Dated: 10[39] 200 | | Inventor Signature |
| Fourth Inventor Name: Residence Address: | John Murphy 4200 Northerneross Bly Haltom City, Texas 761 | rd. Apt. 12109 |
| Dated: 10/29/03 | | Inventor Signature |
| Fifth Inventor Name: Residence Address: | Samuel Owusu-Akyaw 714 Chatham Court Southlake, Texas 7609 | |
| Dated: | | Inventor Signature |

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INVENTOR'S DECLARATION FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and sole joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROGRAMMABLE SURGICAL INSTRUMENT SYSTEM

| the specific | cation of which: (check o | one) | |
|--|--|--|--|
| _X | is attached hereto. | | · . |
| | was filed on | | <u> </u> |
| | • | ocket Number | (4) |
| | | | |
| | and was amended of | al Noon | (if applicable). |
| including t | he claims, as amended by | y any amendment referred | ntents of the above identified specification, to above. terial to the patentability of this application |
| in accordar which beca | nce with 37 CFR 1.56, in the available between the | cluding for continuation-ir | n-part applications, material information plication and the national or PCT |
| made on in the knowle both, unde | formation and belief are dge that willful false stat | believed to be true; and fur tements and the like so mad t such willful false statemen | knowledge are true and that all statements of the that these statements were made with the are punishable by fine or imprisonment, on the may jeopardize the validity of the |
| | claim the benefit under (s) listed below. | Title 35, United States Coo | le, § 119(e) of any United States provisional |
| (Application | on Number) | (Filing Date) | · |
| | | | P(a)-(d) or (f), or 365(b) of any foreign ificate(s), or 365(a) of any PCT international |

application which designated at least one country other than the United States of America, listed below, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Country Application Number(s) | | Foreign Filing (MM/DD/YYY | | | Priority Claimed | |
|---|--------|---|--|------|------------------|--|
| · | | | | | | |
| FULL NAME OF INVEN | TOR: W | Vade P. Farrow | | | | |
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| FULL NAME OF INVENTOR: | John Murphy | · |
| INVENTOR'S SIGNATURE: | | DATED: |
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|-----------------|------|-------|---|--------|------------|
| FULL NAME OF I | lı' | VTOR: | Robert Ellins | | |
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| FULL NAME OF I | | ITOR: | John Murphy | | |
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| FULL NAME OF IN | -1 | ITOR: | Samuel Owusu-Akyaw | | |
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